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## o Journal 1

Title of Journal Paper:	Planning and installation of a drinking water treatment in <u>Gunungkidul</u>		
Author(s) :	S. Fuchs, A. Silva, A. K. <u>Anggraini</u> and F. <u>Mahdariza</u>		
Journal / Conference:	ResearchGate		
Volume / Issue:	Vol.15. No. 42	Pages:	4-12

### Objective of the paper :

•To find, develop and implement an water treatment in order to ensure a safe drinking water using local material.

### Methodology:

- Doing lap testing for the sand(Lava , Beach, Activated and Silic).
- Find out the result.
- Chose place to apply the experiment (Slow sand filtration)

### The main results:

- Find the highest sand removal percentage.
- Reduce the turbidity value to below 1 NTU



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